

Title (en)  
CONVEYOR FOR A SHEET GLASS TEMPERING FURNACE

Title (de)  
FÖRDERER FÜR EINEN GLASSCHEIBENHÄRTEOFEN

Title (fr)  
TRANSPORTEUR POUR FOUR DE TREMPÉ DE VERRE EN FEUILLE

Publication  
**EP 2687490 A2 20140122 (EN)**

Application  
**EP 13175482 A 20130708**

Priority  
FI 20125805 A 20120718

Abstract (en)  
A conveyor for a sheet glass tempering furnace, comprising a roller conveyor (2, 3) and an inclined airborne conveyor (4), as well as support and transport rollers at a lower edge of the airborne conveyor (4). The roller conveyor includes a horizontal level conveyor (2) and an adapter conveyor (3) between the horizontal level conveyor and the airborne conveyor. The adapter conveyor (3) features a horizontal level upstream end (3a) and an inclined downstream end (3b), the inclination angle of which matches substantially that of the airborne conveyor (4). The adapter conveyor (3) has its rollers (13) increase in inclination step by step when proceeding from the upstream end (3a) towards the downstream end (3b)

IPC 8 full level  
**C03B 35/16** (2006.01); **B65G 13/02** (2006.01); **B65G 37/00** (2006.01); **C03B 29/12** (2006.01); **C03B 35/18** (2006.01); **C03B 35/24** (2006.01)

CPC (source: EP FI US)  
**B65G 13/02** (2013.01 - FI US); **B65G 37/00** (2013.01 - FI US); **C03B 29/12** (2013.01 - EP US); **C03B 35/16** (2013.01 - EP FI US); **C03B 35/18** (2013.01 - EP FI US); **C03B 35/189** (2013.01 - EP US); **C03B 35/24** (2013.01 - EP FI US); **C03B 2225/02** (2013.01 - EP US)

Citation (applicant)  
US 3223499 A 19651214 - CYPHER JAMES H, et al

Cited by  
CN104315853A; CN109556397A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 13175482 A 20130708**; CN 201310302708 A 20130718; FI 20125805 A 20120718; US 201313943171 A 20130716